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## **CURRICULUM VITAE**

**NAME:** BEVERLY J. MACEWICZ

**ORGANIZATION:** National Oceanic & Atmospheric Administration  
National Marine Fisheries Service  
Southwest Fisheries Science Center  
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La Jolla, California 92038  
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**PRESENT POSITION:** Research Fishery Biologist

**DISCIPLINE:**

Histology, Zoology, and Fishery Reproductive Biology

**EDUCATION:**

B.S., Zoology, University of Minnesota, 1975

**EXPERIENCE:**

1988 - Present	Research Fishery Biologist National Marine Fisheries Service La Jolla, California
1983 - 1988	Biological Technician (Microbiology) National Marine Fisheries Service La Jolla, California
1977 - 1983	Staff Research Associate II Scripps Institution of Oceanography La Jolla, California
1975 - 1976	Senior Laboratory Technician University of Minnesota Minneapolis, Minnesota
1974 - 1975	Undergraduate Research Assistant

University of Minnesota  
Minneapolis, Minnesota

**RESEARCH INTERESTS:**

Histology of teleost ovaries and larval teleosts  
Adult reproductive parameters  
Histological microtechniques

**HONORS AND AWARDS:**

U.S. Department of Commerce, Bronze Medal Award, 1996  
Performance Award, 1994, 1991  
Travel paid by California Department of Fish and Game, Monterey, CA, to give training on California halibut ovarian development, 1989  
Sponsored by Alfred-Wegener Institute for Polar and Marine Research to provide training to 30 scientists from 12 countries in Bremerhaven, Federal Republic of Germany on methods used to estimate the adult reproductive parameters in the Egg Production Method, 1988  
Outstanding Performance Award, 1985  
Special Performance Award, University of California San Diego, 1983  
Certificate of Appreciation "Outstanding performance in development of the Egg Production Method for Anchovy Biomass Assessment", 1982  
Letter of Appreciation from Director of CICIMAR, La Paz, Mexico for Histology course, 1982

**FORMAL TRAINING RECEIVED FROM THE FEDERAL GOVERNMENT:**

Introductory Course in Conversational Spanish, April-October 1989  
Advanced Workshop on Aquatic Animal Diseases, August 1986

**SERVICE ON SCIENTIFIC COMMITTEES:**

Investigator, Mexico and the United States of America Pacific Sardine Biomass Project, 1993-1995  
Investigator, Joint Spanish-American Committee for Scientific and Technological Cooperation, Sardine Anchovy Recruitment Project, 1985-1989  
Coordinator and Chief Instructor, Egg Production Method Workshop on Anchovy and Sardine Adult Parameters for MEXUS-PACIFICO Program, 1987

## PUBLICATIONS - Beverly J. Macewicz

- Macewicz, B.J., J.J. Castro-González, C.E. Coterro-Altamirano, and J.R. Hunter. 1996. Adult reproductive parameters of Pacific sardine (*Sardinops sagax*) during 1994. Calif. Coop. Oceanic Fish. Invest. Rep. 37:140-151.
- Butler, J.L., M.L. Granados G., J.T. Barnes, M. Yaremko, and B.J. Macewicz. 1996. Age composition, growth and maturation of the Pacific sardine, *Sardinops sagax*, during 1994. Calif. Coop. Oceanic Fish. Invest. Rep. 37:152-159.
- Macewicz, B.J., and J.R. Hunter. 1994. Fecundity of sablefish, *Anoplopoma fimbria*, from Oregon coastal waters. Calif. Coop. Oceanic Fish. Invest. Rep. 35:160-174.
- Macewicz, B.J., and J.R. Hunter. 1993. Spawning frequency and batch fecundity of jack mackerel, *Trachurus symmetricus*, off California during 1991. Calif. Coop. Oceanic Fish. Invest. Rep. 34:112-121.
- Macewicz, B.J., and D.A. Abramenkoff. 1993. Collection of jack mackerel, *Trachurus symmetricus*, off southern California during 1991 cooperative U.S.-U.S.S.R. Cruise. SWFSC Admin. Rep. La Jolla, LJ-93-07. 14p.
- Dickerson, T.L., B.J. Macewicz, and J.R. Hunter. 1992. Spawning frequency and batch fecundity of chub mackerel, *Scomber japonicus*, during 1985. Calif. Coop. Oceanic Fish. Invest. Rep. 33:130-140.
- Hunter, J.R., B.J. Macewicz, N.C.H. Lo, and C.A. Kimbrell. 1992. Fecundity, spawning, and maturity of female Dover sole, *Microstomus pacificus*, with an evaluation of assumptions and precision. Fish. Bull., U.S. 90:101-128.
- Pérez, N., I. Figueiredo, and B.J. Macewicz. 1992. The spawning frequency of sardine, *Sardina pilchardus* (Walb.), off the Atlantic Iberian coast. Bol. Inst. Oceanogr. 8(1):175-189.
- Hunter, J.R., B.J. Macewicz, and C.A. Kimbrell. 1989. Fecundity and other aspects of the reproduction of sablefish, *Anoplopoma fimbria*, in central California waters. Calif. Coop. Oceanic Fish. Invest. Rep. 30:61-72.
- Hunter, J.R., B.J. Macewicz, and J.R. Sibert. 1986. The spawning frequency of skipjack tuna, *Katsuwonus pelamis*, from the South Pacific. Fish. Bull., U.S. 84:895-902.
- Hunter, J.R., and B.J. Macewicz. 1985. Rates of atresia in the ovary of captive and wild northern anchovy, *Engraulis mordax*. Fish. Bull., U.S. 83:119-136.



- Hunter, J.R., and B.J. Macewicz. 1985. Measurement of spawning frequency in multiple spawning fishes. In R. Lasker (ed.), An egg production method for estimating spawning biomass of pelagic fish: application to the northern anchovy (*Engraulis mordax*), p. 79-94. U.S. Dep. Commer. NOAA Tech. Rep. NMFS-36.
- Alheit, J., V.H. Alarcon, and B.J. Macewicz. 1984. Spawning frequency and sex ratio in the Peruvian anchovy, *Engraulis ringens*. Calif. Coop. Oceanic Fish. Invest. Rep. 25:43-52.
- Alheit, J., B. Alegre, V.H. Alarcon, and B.J. Macewicz. 1983. Batch fecundity and spawning frequency of various anchovy (Genus: *Engraulis*) populations from upwelling areas and their use for spawning biomass estimates. In FAO Fisheries Rep. 291(3):979-986.
- Hunter, J.R., and B.J. Macewicz. 1980. Sexual maturity, batch fecundity, spawning frequency, and temporal pattern of spawning for the northern anchovy, *Engraulis mordax*, during the 1979 spawning season. Calif. Coop. Oceanic Fish. Invest. Rep. 21:139-149.